

Condensed material for DAQ Purposes, and highlighting added

FXUS65 KVEF 220938

AFDVEF

Area Forecast Discussion ...RESENT

National Weather Service Las Vegas NV

238 AM PDT WED JUN 22 2016

.SYNOPSIS...High pressure and very hot temperatures will continue through today. Slightly cooler temperatures are expected for late this week before ramping up again Sunday and Monday.

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.SHORT TERM...Today through Friday Night.

High pressure remains draped across the southwest today and will lead to another hot day across the region. Highs today will be 1-2 degrees cooler area-wide, and that trend will continue through the end of the week as a **trough** moving through the Pacific Northwest knocks down heights. ... Otherwise, dry conditions are expected through the end of the work week.

.LONG TERM...Saturday through Tuesday.

High pressure will gradually build back over the region Saturday through Monday with dry conditions continuing. ...

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.AVIATION...For McCarran...**VFR** through the period. Generally light and variable winds expected through early afternoon before transition to stronger southwest winds (speeds 8-15 **kts** with gusts to 25 kts) in the 21Z to 00Z time frame. Speeds/gusts will slowly diminish after sunset. Very hot daytime temperatures will lead to high density altitude concerns through the end of the week.

For the rest of southern Nevada...northwest Arizona...and southeast California...**VFR** through the period. Strong south to southwest **flow** (speeds 10-20 **kts** with gusts to 25 kts) expected across much of the region by this afternoon with a slow downward trend near or after sunset. ...

FXUS65 KVEF 222154

AFDVEF

Area Forecast Discussion

National Weather Service Las Vegas NV

255 PM PDT WED JUN 22 2016

.AVIATION...For McCarran...Southwest winds expected to remain gusty into this evening with speeds generally between 10-20 **kts**. Local

models are indicating that wind speeds may increase between 02Z-06Z with gusts up to 30 **kts**. After 06Z southwest winds are expected to be around 8-10 **kts** which will continue into the morning. Light winds expected between 12-16Z with winds then shifting to the east-southeast around 8-10 **kts**. Very hot daytime temperatures will lead to high density altitude concerns through the end of the week.

For the rest of southern Nevada...northwest Arizona...and southeast California...**VFR** through the period. Strong south to southwest **flow** (speeds 10-20 **kts** with gusts to 25 kts) expected across much of the region into this evening. West winds across western San Bernardino County are forecasted to increase after 01Z with speeds between 20-30 **kts**. Generally terrain driven winds up to 15 **kts** over most areas Thursday